

PATENT  
Docket No. 355742104100

## DECLARATION FOR UNITED STATES PATENT APPLICATION

AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:

Our residence, post office address, and citizenship are as stated below next to my name.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: RAPID ASSAY FOR ARTHROPOD-BORNE DISEASE VECTORS AND PATHOGENS, the specification of which is attached hereto unless the following box is checked:

☒ was filed on February 17, 2000 as United States Application Serial No. 09/505,898.

WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed: We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date
60/120,872	February 19, 1999

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status
*		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

7/10/00 *Kirti Dave*

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Date: Name: Kirti DAVE  
Residence: 1416 Sapphire Dragon, Thousand Oaks, CA 93030  
Citizenship: United States of America  
Post Office Address: 1416 Sapphire Dragon, Thousand Oaks, CA 93030

7/6/00 *Eva EMMERICH*

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Date: Name: Eva EMMERICH  
Residence: 2315 Kentia Street, Oxnard, CA 93030  
Citizenship: ~~United States of America~~ Hungary  
Post Office Address: 2315 Kentia Street, Oxnard, CA 93030

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Date: Name: Jeffrey RYAN  
Residence: 2710 Rodgers Terrace, Haymarket, VA 20169  
Citizenship: United States of America  
Post Office Address: 2710 Rodgers Terrace, Haymarket, VA 20169

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Date: Name: Robert A. WIRTZ  
Residence: 3201 Amblerwood Court, N. E., Atlanta, GA 30345-2172  
Citizenship: United States of America  
Post Office Address: 3201 Amblerwood Court, N. E., Atlanta, GA 30345-2172

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7/10/00  
Date

Kirk DAVE  
Name: KIRK DAVE  
Residence: 1416 Sapphire Dragon, Thousand Oaks, CA 93030  
Citizenship: United States of America  
Post Office Address: 1416 Sapphire Dragon, Thousand Oaks, CA 93030

2/16/00  
Date

Eric EMMERICH  
Name: Eric EMMERICH  
Residence: 2315 Kentia Street, Oxnard, CA 93030  
Citizenship: ~~United States of America~~ Israel  
Post Office Address: 2315 Kentia Street, Oxnard, CA 93030

21 NOV 00  
Date

MAI, USA  
Name: MAI, USA  
Residence: 2710 Rodgers Terrace, Haymarket, VA 20169  
Citizenship: United States of America  
Post Office Address: 2710 Rodgers Terrace, Haymarket, VA 20169

Date

Name: Robert A. WIRTZ  
Residence: 3201 Amblerwood Court, N.E., Atlanta, GA 30345-2172  
Citizenship: United States of America  
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Date \_\_\_\_\_ Name: Kirti DAVE  
 Residence: 1416 Sapphire Dragon, Thousand Oaks, CA 93030  
 Citizenship: United States of America  
 Post Office Address: 1416 Sapphire Dragon, Thousand Oaks, CA 93030

Date \_\_\_\_\_ Name: Eva EMMERICH  
 Residence: 2315 Kentia Street, Oxnard, CA 93030  
 Citizenship: United States of America  
 Post Office Address: 2315 Kentia Street, Oxnard, CA 93030

Date \_\_\_\_\_ Name: Jeffrey RYAN  
 Residence: 2710 Rodgers Terrace, Haymarket, VA 20169  
 Citizenship: United States of America  
 Post Office Address: 2710 Rodgers Terrace, Haymarket, VA 20169

11/21/00  
 Date \_\_\_\_\_ Name: Robert A. WITZ  
 Residence: 3201 Amblerwood Court, N. E., Atlanta, GA 30345-2172  
 Citizenship: United States of America  
 Post Office Address: 3201 Amblerwood Court, N. E., Atlanta, GA 30345-2172

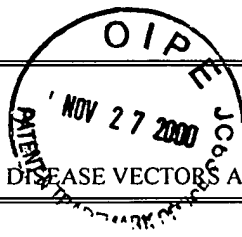
Applicant/Patentee: Kirti DAVE et al

Serial No./Patent No.: 09/505,898

Filed on/Issued: February 17, 2000

For: RAPID ASSAY FOR ARTHROPOD-BORNE DISEASE VECTORS AND PATHOGENS

Docket No.: 355742104100



#6

**VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**  
**37 C.F.R. §§ 1.9(f) AND 1.27(c) — SMALL BUSINESS CONCERN**

I hereby declare that I am

- ☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN: Medical Analysis Systems, Inc.

ADDRESS OF CONCERN: 5300 Adolfo Road, Camarillo, CA 93012

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 C.F.R. § 121.12, and reproduced in 37 C.F.R. § 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled RAPID ASSAY FOR ARTHROPOD-BORNE DISEASE VECTORS AND PATHOGENS by inventor(s) Kirti DAVE, Eva EMMERICH, Jeffrey RYAN and Robert A. WIRTZ, described in

- ☐ the specification filed herewith with title as listed above.  
☒ the application identified above.  
☐ the patent identified above.

If the rights held by the above identified business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 C.F.R. § 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d), or a nonprofit organization under 37 C.F.R. § 1.9(e).

Each person, concern or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.  
☐ each such person, concern or organization is listed below.

NAME	ADDRESS	TYPE
		<input type="checkbox"/> Individual <input type="checkbox"/> Small Business Concern <input type="checkbox"/> Nonprofit Organization

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. § 1.27)

I acknowledge the duty to file, in this application or patent, notification or any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

Ivan E. Modrovich

TITLE OF PERSON IF OTHER THAN OWNER:

CEO

ADDRESS OF PERSON SIGNING:

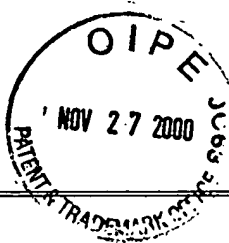
5300 Adolfo Rd., Camarillo, CA 93012

SIGNATURE:

[Signature]

DATE:

July 10, 2000



PTO/SB/96 (10-92)

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Docket No. 355742104100

In the application of: Kirti DAVE et al  
Serial No.: 09/505,898  
Filed: February 17, 2000  
For: RAPID ASSAY FOR ARTHROPOD-BORNE DISEASE VECTORS AND PATHOGENS

Medical Analysis Systems, Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From : \*  
To: \*  
The document was recorded in the Patent and Trademark Office at Reel \*, Frame \*, or for which a copy thereof is attached.

2. From : \*  
To: \*  
The document was recorded in the Patent and Trademark Office at Reel \*, Frame \*, or for which a copy thereof is attached.

3. From : \*  
To: \*  
The document was recorded in the Patent and Trademark Office at Reel \*, Frame \*, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: July 10, 2000

MEDICAL ANALYSIS SYSTEMS, INC.

By: [Signature]  
Name: Ivan E. Modrovich  
Title: CEO